



Mandatory Pre-Bid Meeting



US101/OR126: Spruce Street to Siuslaw River Bridge

(Florence, OR / Lane County)

Construction Plans & Specifications Overview

October 26, 2018



Meeting Objectives

- **Overview of:**
 - Contract Plans and
 - Special Provisions



SPECIAL PROVISIONS
FOR HIGHWAY CONSTRUCTION

OREGON DEPARTMENT OF TRANSPORTATION
SALEM, OREGON

GRADING, DRAINAGE, PAVING, SIGNING, ILLUMINATION, SIGNALS,
ROADSIDE DEVELOPMENT
OR126/US101: SPRUCE ST – SIUSLAW RIV BR (FLORENCE) SEC.
OREGON COAST HIGHWAY AND FLORENCE-EUGENE HIGHWAY
LANE COUNTY
NOVEMBER 15, 2018

MANDATORY PREBID MEETING: OCTOBER 26TH, 2018 AT 10:00 AM AT
715 QUINCE STREET, FLORENCE, OREGON

Note: All pre-bid questions need to be sent to Steve Templin, Project Manager



Work To Be Done:

- a) Install Storm drainage facilities
- b) Construct sidewalk and ramps
- c) Place asphalt concrete pavement
- d) Install illumination
- e) Construct signal modifications
- f) Install permanent signing and permanent pavement markings
- g) Construct plazas and install site furnishings
- h) Construct gateway monument foundations
- i) Install Landscaping and Irrigation
- j) Perform additional and incidental work as called for by the Specification and Plans.



(a)



Agenda

Construction Topics Covered:

- **Traffic Control Items**
 - Lane Closures
 - Special Events
 - Limited Duration Road Closure
 - TPAR
- **Mainline Paving (U.S. 101)**
 - “In Leveling” Asphalt
 - Opening Sections to Traffic
- **Removal of Existing Surfaces below Subgrade**
- **Underground Utility System**
- **Sidewalks**
- **Concrete Plazas / Art Plinths / Gateway Foundations**
- **Planting**
- **Irrigation**



(b)



Traffic Control Items

Closed Lanes - 00220.40(e)(1):

Cold Plan Pavement Removal and Asphalt Concrete Paving:

US101: OR126 Jct. – 2nd Street:

One or more Traffic Lanes may be closed on the Oregon Coast Highway (US101) when allowed, shown, or directed during the following periods of time except as indicated in 00220.40(e)(2): **Maintain one traffic lane in each direction.**

- Nightly, Sunday night through Friday morning between 8:00 p.m. to 6:00 a.m.





Traffic Control Items

Closed Lanes - 00220.40(e)(1):

Cold Plan Pavement Removal and Asphalt Concrete Paving:

US101: 2nd Street to North end of Siuslaw River Bridge:

One or more Traffic Lanes may be closed on the Oregon Coast Highway (US101) when allowed, shown, or directed during the following periods of time except as indicated in 00220.40(e)(2): **Maintain two-way/one-lane traffic.**

- Nightly, Sunday night through Friday morning between 8:00 p.m. to 6:00 a.m.





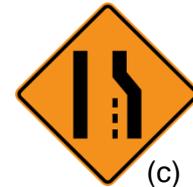
Traffic Control Items

Closed Lanes - 00220.40(e)(1):

All other work:

US101: OR126 Jct. – Old Town Way:

One or more Traffic Lanes may be closed on the Oregon Coast Highway (US101) when allowed, shown, or directed during the following periods of time except as indicated in 00220.40(e)(2): **Maintain a minimum of one traffic lane in each direction.**



(c)



(d)

- Labor Day (Sept 3, 2018) to Memorial Day (May 27, 2019)
 - Sunday 8:00 p.m. through Friday 6:00 a.m., all hours
- Memorial Day (May 27, 2019) to Labor Day (Sept 2, 2019)
 - Southbound Traffic: Nightly, Sunday night through Friday morning between 8:00 p.m. and 6:00 a.m.
 - Northbound Traffic: Sunday 8:00 p.m. through Friday 6:00 a.m., all hours

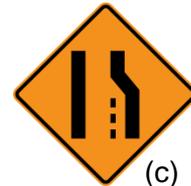


Traffic Control Items

US101: OR126 Jct. – Old Town Way:

00220.40(e)(2): **Maintain a minimum of one traffic lane in each direction.**

- Labor Day (Sept 3, 2018) to Memorial Day (May 27, 2019)
 - Sunday 8:00 p.m. through Friday 6:00 a.m., all hours



(c)



(d)



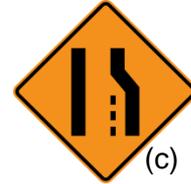


Traffic Control Items

US101: OR126 Jct. – Old Town Way:

00220.40(e)(2): **Maintain a minimum of one traffic lane in each direction.**

- Memorial Day (May 27, 2019) to Labor Day (Sept 2, 2019)
 - **Southbound Traffic:** Nightly, Sunday night through Friday morning between 8:00 p.m. and 6:00 a.m.
 - **Northbound Traffic:** Sunday 8:00 p.m. through Friday 6:00 a.m., all hours



(c)



(d)





Traffic Control Items

Closed Lanes - 00220.40(e)(1):

All other work:

OR126: US101 Jct. – Spruce Street:

One or more Traffic Lanes may be closed on the Florence-Eugene Highway (OR126) when allowed, shown, or directed during the following periods of time except as indicated in 00220.40(e)(2): **Maintain a minimum of one traffic lane in each direction.**

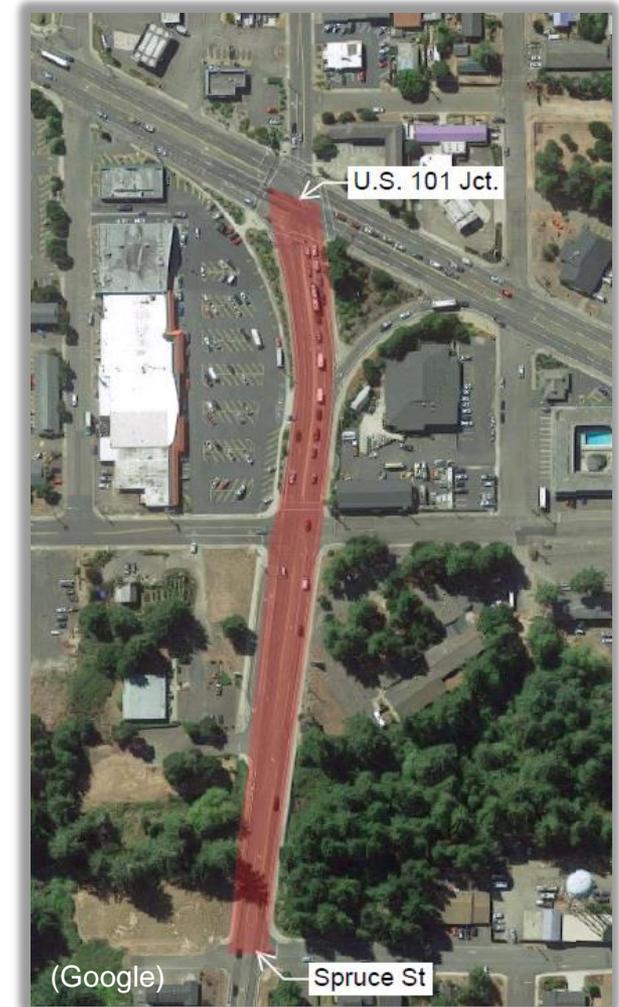
- Nightly, Sunday night through Friday morning between 8:00 p.m. to 6:00 a.m.



(c)



(d)





Traffic Control Items

Special Events - 00220.40(e)(2)(b):

The following special events will occur during this project:

- **2019 Rhododendron Festival – May 18th, 19th, and 20th, 2019**

Backfill and provide temporary surfacing so there are no open excavations or abrupt edges during the special events.

Limited Duration Road Closure - 00220.40(f):

The Contractor will be permitted to close all Traffic Lanes for a period not to exceed 10 consecutive Calendar Days in duration at each location during curb ramp construction, as shown. Limited duration closures will only be permitted on the following streets:

- Old Town Way
- 1st Street (@ intersection w/ US101)
- 2nd Street
- Nopal Street
- Maple Street
- Laurel Street (@ intersection w/ US101)
- Kingwood Street
- 6th Street
- 8th Street



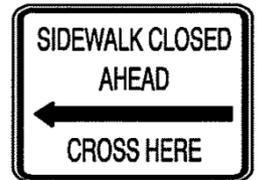
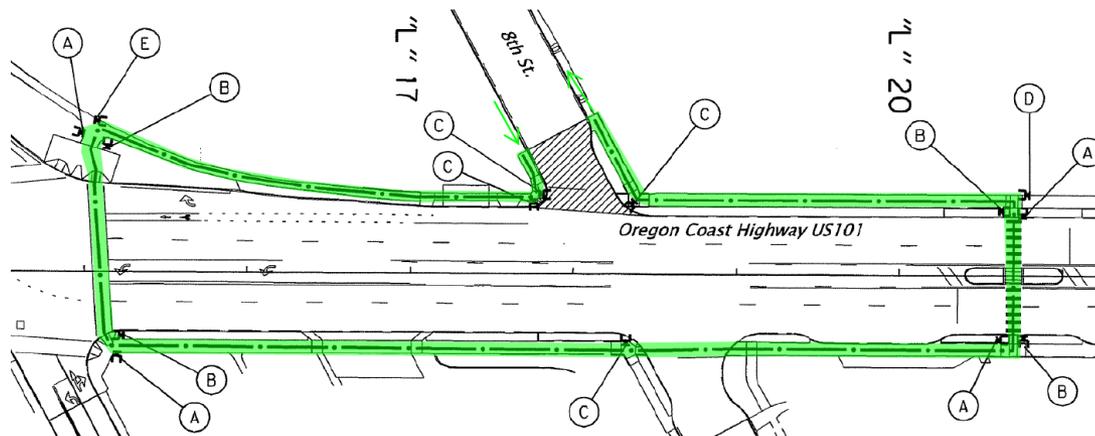
(e)



Traffic Control Items

TPAR - Sidewalk and Curb Ramp Construction:

- TPARs shown for each phase
- Typically utilizes a detour around work area to sidewalk on opposite side of highway, with some exceptions.
- Temp sidewalk ramps utilized where shown
 - Bid item included for this.
- See plans for details.

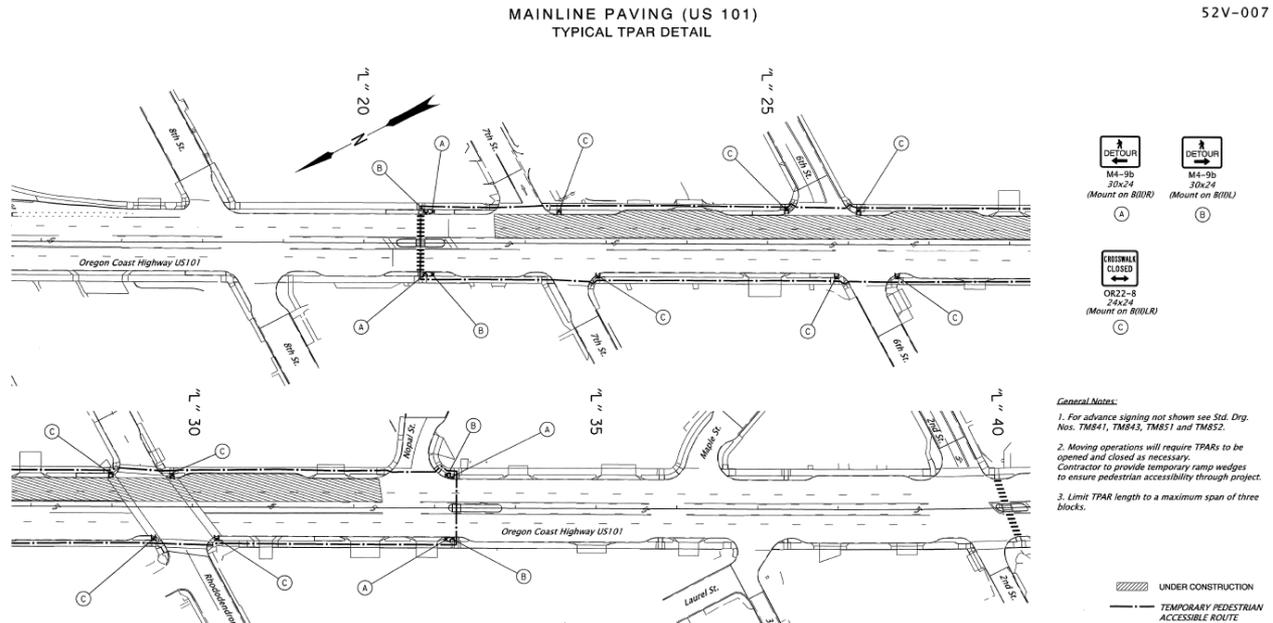




Traffic Control Items

TPAR - Mainline Paving (U.S. 101):

- TPAR will be a moving operation during paving and will need to be opened and closed as necessary (see EA04 for typical detail)
- Contractor to provide temporary ramp wedges to ensure pedestrian accessibility through the project
- Limit TPAR length to a maximum span of three blocks





Traffic Control Items

Temporary Pedestrian Accessible Route (TPAR) Surface and Temporary Sidewalk Ramps – 00225.67:

Inspect and maintain TPAR surfaces and temporary sidewalk ramps for:

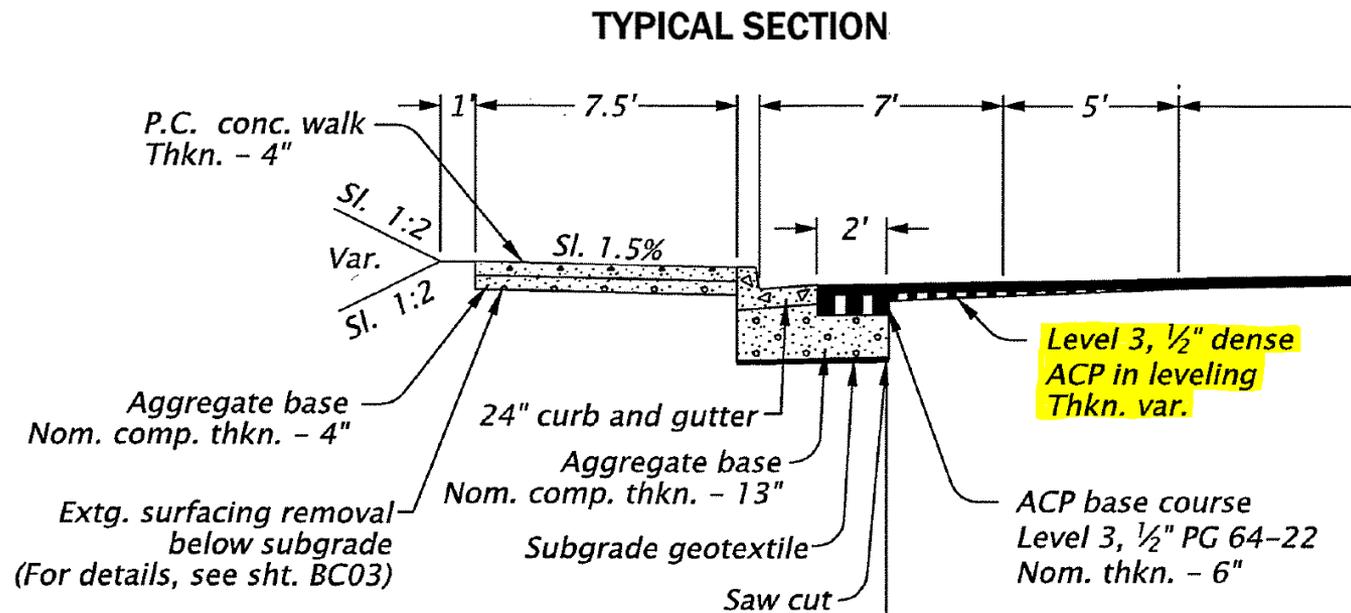
- Any damaged surfaces
- Alignments or connections to existing sidewalks or Roadway surfaces
- Compliance with the dimensions and grades in the Standard Drawings, MUTCD, or requirements approved by the Engineer.
- Items identified by the manufacturer's recommendations



Mainline Paving (U.S. 101)

“In Leveling” Asphalt Paving (00745):

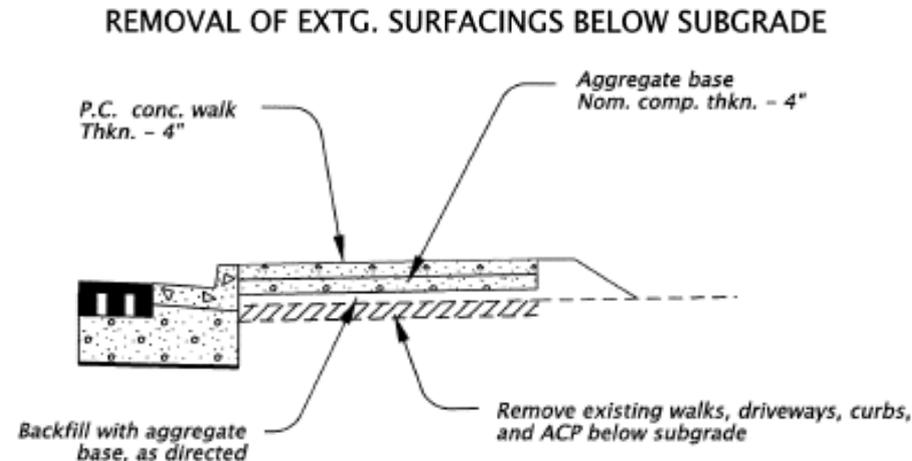
- Leveling included for cross slope correction.
- Thickness varies by location.
- New curb and gutter grades reflect the leveling.





Removal of Existing Surfacing Below Subgrade

- Due to grade changes, some surfacing below the proposed sidewalk subgrade need removed.
- Walks, driveways, curbs and ACP below the proposed sidewalk subgrade to be paid for as Removal of Structures and Obstructions.
- Backfill with aggregate base.

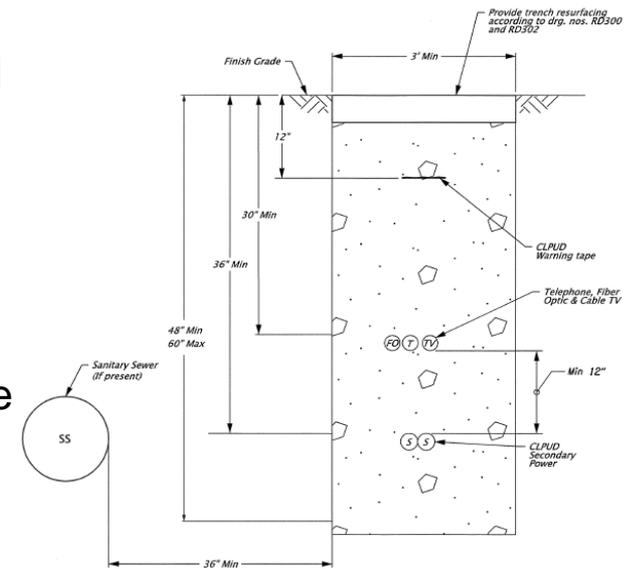


Underground Utility System

Underground Utility System (01280):

- CLPUD, CTL, Charter, CoastCom and Hyak (see 00150.50 for coordination and timing)
- See Drainage and Utility sheets for proposed utility facility locations, types and sizes.
- Contractor to furnish and install conduit, JB's, handholes and meter bases (see 1280.03)
- Utility furnishes and installs conductors, transformers, switch stands; performs service connections and hook ups (except at 15+67, Lt); removes abandoned aerial facilities (1280.04).
- Acceptable means to accomplish work:
 - (1) Open Trench (01280.44)
 - (2) Horizontal Directional Drilling (01280.45)

CONDUIT INSTALLATION DETAIL



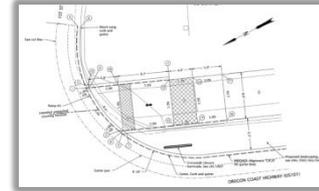
NOTES:

1. This detail is for Conduit Location only. See specifications for trench bedding and backfill.
2. Maintain minimum 12" of radial clearance between CLPUD facilities and other utility facilities.



Sidewalks

Required Submittals (00759.02):



(a) Working Drawings

- Before preplacement conference, submit six copies of unstamped Working Drawings according to 00150.35 for all sidewalk ramp Work.
- Include field verification of each ramp location, and all dimensions and grades necessary to demonstrate compliance with the Standard Drawings and Plans.
- Notify the Engineer of any deficiencies or non-compliance with the Standard Drawings or Plans.
- The Engineer will provide additional or modified Plans as needed.

(b) Ramp Plan

- At least 21 Calendar Days before the sidewalk ramp Work is scheduled to begin, submit a plan for accomplishing all phases of the sidewalk ramp Work (see 00759.02(b) for list of required items).



Concrete Plazas / Art Plinths / Gateway Monument Foundations

Concrete Plazas

Colored Concrete Materials – 00759.13:

- (a) **Commercial Grade Concrete** – Provide commercial grade concrete for colored concrete according to 00440, except as follows:
- Do not add calcium chloride to mix
 - Supplemental admixtures shall not be used unless approved by manufacturer
 - Do not add water to the mix in the field
 - Maximum entrained air for colored concrete shall not exceed 5.0%
- (b) **Integrally Colored Concrete** – Provide integrally colored concrete, factory proportioned, mixed, and packaged concrete mix.
- (1) Color 'A': Terracotta. Color to be approved by Engineer.
 - (2) Color 'B': Buff/Sand. Color to be approved by Engineer.
 - (3) Color 'C': Dark Grey. Color to be approved by Engineer.



Concrete Plazas / Art Plinths / Gateway Monument Foundations

Concrete Plazas

Colored Concrete Installation – 00759.55:

(a) Colored Concrete Mockup:

- Prior to placing colored concrete, at a location selected by the Engineer, place and finish a six foot by six foot area.
- Construct mockup using processes and techniques intended for use on permanent work, including curing procedures.
- Retain samples of cements, sands, aggregates and color additives used in mockup for comparison with materials used in remaining work.
- Mockup shall be produced by the individual workers who will perform the work for the Project.
- Accepted mockup provides visual standard for colored concrete work.
- Mockup shall remain through completion of the work for use as quality standard for finished work. Remove mockup when directed.

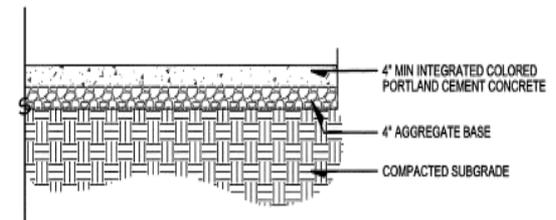


Concrete Plazas / Art Plinths / Gateway Monument Foundations

Concrete Plazas

Colored Concrete Installation – 00759.55:

- Comply with manufacturer's specifications.
- For accurate color, the quantity of concrete mixed to produce the sample should **not be less than 3 cubic yards** (or not less than 1/3 the capacity of the mixing drum on the ready mix truck) and should always be in full cubic yard increments.
- Excess material shall be discarded according to local regulation.
- Apply a medium broom finish.
- Surface cured with a liquid membrane curing and sealing compound
- Apply the first coat after the surfaced has hardened
- Apply the second coat (seal coat) 28 days after placement of concrete





Concrete Plazas / Art Plinths / Gateway Monument Foundations

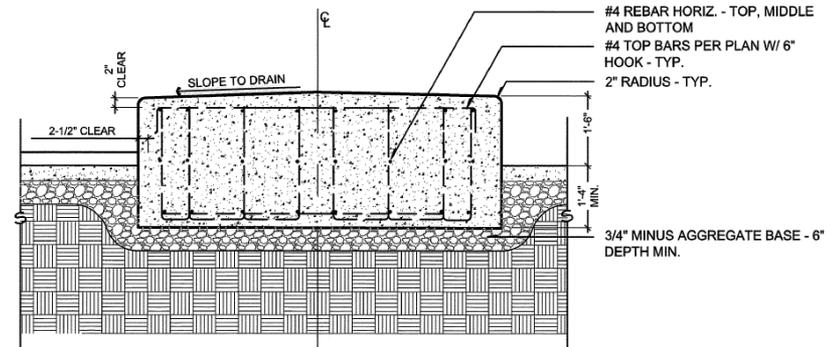
Art Plinths

Coordination (01095.03):

- Locations shall be marked in the field and approved prior to installation

General (01095.10):

- Furnish Class 4000 structural concrete according to 00540
- Provide reinforcement according to 00530
- Furnish colored concrete according to 00759



SECTION

1 CONCRETE ART PLINTHS

FA10

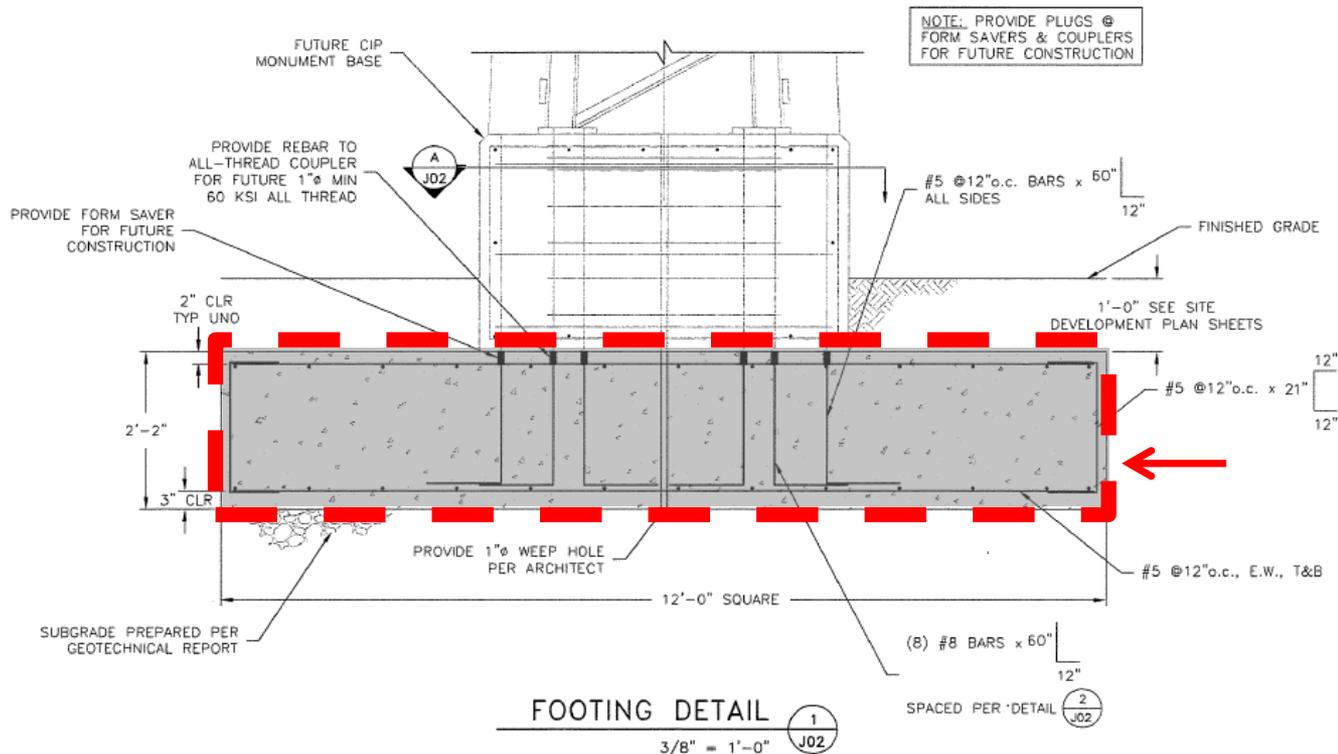


Concrete Plazas / Art Plinths / Gateway Monument Foundations

Gateway Monument Foundations

Locations:

- Maple Street – SE & NE
- Quince Street – SW



(City of Florence)



Plantings

Planting Work Plan (01040.04 (a)):

Within 90 Calendar Days of Award of the Contract, submit a planting work plan (PWP) for approval. Include:

- Work progress schedule
- Material submittals
- Topsoil approvals
- Plant installation and establishment plan
- Weed Control Work Plan (WCWP)
- Emergency contact person





Plantings

Notice for Inspections (01040.04 (b)):

Notify the Agency a minimum of 48 hours before each required inspection

1. Tree Selection Inspection:

- Specified trees to be tagged by the Engineer in ground at nursery
- No trees delivered to site until inspections and approvals made

2. Finished Grade Inspection:

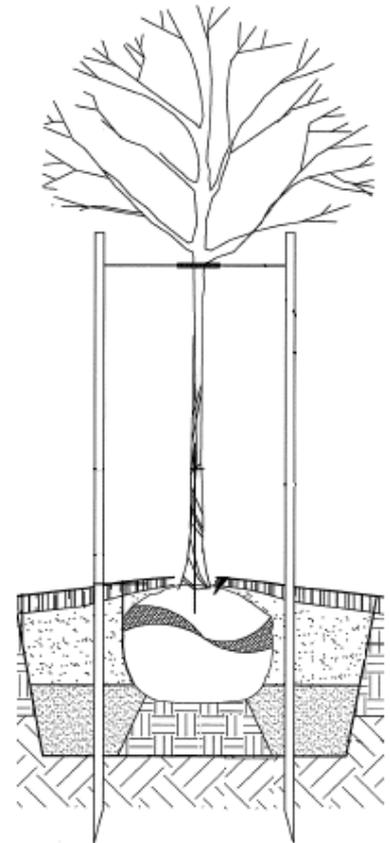
- Engineer to review fills and determine if additional work is necessary

3. Planting Inspection:

- Immediately prior to installation, place (but do not install) plant material for approval – layout needs to be approved

4. Installation Inspection:

- Plantings will be inspected at time of original planting installation completion





Plantings

Subsoil Preparation at Planting Areas

Type “A”

- 12” imported topsoil, with 6” sand underneath
- Total = 18” Soil
- See specifications

Type “B”

- 8” imported topsoil tilled into the existing topsoil with specified amendments

Tree Grates Locations

- 12” imported topsoil, with 12” sand.
- Total = 24” Soil.

Laurel Street

- Backfill with sand / topsoil mix between 6” – 18”



Irrigation

Pre-installation Meeting (01120.02):

Irrigation system being installed along OR126 & US101

- Meet with the Engineer on site a minimum of 1 week before starting irrigation work.

Installer Qualifications (01120.30):

Irrigation installer must be:

- Licensed Landscape Contractor
- Posses a valid Oregon Landscape License for irrigation
- Successful establishment of similar irrigation installations



QUESTIONS?



Photo References

City of Florence: "Revision Florence Rendering Drawing", *City of Florence*, 2018.

Photo (a): "Work Zone Sign." *Hall Signs*, 2018, store.hallsigns.com/G20-5aP-Work-Zone_p_2282.html.

Photo (b): "Under Construction Sign." *TDA Decorating and Design*, 2018, tdadecoratinganddesign.blogspot.com

Photo (c): "W4-2 Lane Ends Sign." *Hall Signs*, 2018, https://store.hallsigns.com/W4-2-Lane-Ends_p_5463.html

Photo (d): "MUTCD W9-1." *Wikimedia Commons*, 2018, [https://commons.wikimedia.org/wiki/File:MUTCD_W9-1_\(temporary\).svg](https://commons.wikimedia.org/wiki/File:MUTCD_W9-1_(temporary).svg)

Photo (e): "Road Closed Ahead Sign." *Wikimedia Commons*, 2018, https://commons.wikimedia.org/wiki/File:Road_Closed_Ahead_sign.svg